STUDENT EVALUATION LOG (14)

Name: _____

Date: _____

	always	usually	seldom	never
I understood the directions before starting my work.				
I work without disturbing others around me.				
I complete a task before attempting another one.				
I put everything back into the proper place when I finish with the materials.				
I listen while others talk.				
I share materials willingly.				
I try to do my best.				
I will help others when I am asked.				

(Through class discussion, other standards can be listed by the children.)

THINGS I PARTICIPATED IN AND CONTRIBUTED TO THE UNIT (14)

written reports	mural	experiment	art activities	interview	books	committee work	bulletin boards	community projects	math activities	science activities	social studies	music	NAME:

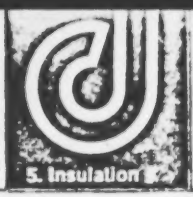
1. Clothes dryer

Lint Zephyr

2. Lint Zephyr

3. 50 percent

4. Pots & Pans


5. Insulation

more

6. More

Wasteful

7. Wasteful

8. 75 degrees

1/3

9. One-third

10. 66°

Half

9. Half

11. Rotors

12. A high EER

Caulk

EER

12. A high EER

LESS

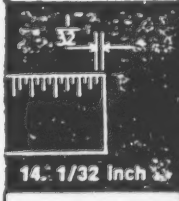
16. Less

Plas-
tic

13. Plastic

78 degrees or higher

15. 78 degrees or higher



14. 1/32 inch

effi-
cient.

17. Efficient

A tight-fitting lid

15. A tight-fitting lid

Refrigerator door

13. Refrigerator door

200 per-
cent heating efficiency

16. 200 percent heating efficiency

Use wisely

Full

filter

Wise

39

150 degrees

170 degrees

EVA

ENERGY CONSERVATION

what's your E.Q.?

How much do you know about energy? What's your Energy Quotient? To find out, read each statement. Find its correct answer. Then write the number of the answer in the box following the statement.

A. Slows the movement of heat. ☐

B. Recommended home temperature in winter. ☐

C. Open and close it quickly. ☐

D. A quick shower uses _____ the water of a normal bath. ☐

E. Put it around windows and doors. ☐

F. Maximum temperature for water heater. ☐

G. Insulated drapes can block out _____ of the heat from the sun. ☐

H. Look for it on an air conditioner. ☐

I. What every cooking pan needs on top. ☐

J. Heat Pump. ☐

K. Using the range oven for a heater or toaster is a _____ use of energy. ☐

L. Should be flat-bottomed. ☐

M. Air condition at _____. ☐

N. Clean it after each dryer load. ☐

O. Solid-state appliances use _____ energy than tube types. ☐

P. Vent it to the outside. ☐

Q. Heating and cooling system _____ should be cleaned or replaced every 30 days. ☐

R. Fluorescent lights are at least _____ times more efficent than incandescent lights. ☐

S. Clothes washers and dishwashers are most efficient when washing _____ loads. ☐

T. Small appliances are _____ users of energy. ☐

World and Regional Population, Energy Consumption and Per Capita Energy Consumption (8)

	Population (millions)	% of World's Population	Energy Consumption Q's (10^{15}BTU)	% of World's Consumption	Per Capita Consumption 10^{7}BTU	% of World's Per Capita Consumption
North America	231	6.2	72.68	35.9	31.5	586
Caribbean America	129	3.4	4.32	2.1	3.35	62
Other America	166	4.4	3.44	1.7	2.07	38
Western Europe	359	9.6	39.22	19.4	11.0	204
Middle East	111	3.0	2.59	1.3	2.33	43
Far East	1172	31.2	15.43	7.6	1.31	24
Oceania	22	0.6	2.54	1.3	11.5	213
Africa	369	9.8	3.66	1.8	0.99	18
Communist Countries	1194	31.8	58.70	29.0	4.91	91
World	3753	100.0	202.39	100.1	5.38	100

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